

Date: Thursday, 9/14/2006 7:29:33 AM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : BLOWER MOTOR ADAPTER
Job Number : 28565	
Estimate Number : 12133	
P.O. Number : N/A	Part Number : D3476043
This Issue : 9/14/2006 S.O. No. : N/A	Drawing Number : D3476 REV A
Prsht Rev. : NC	Project Number : N/A
First Issue : N/A Type : SMALL /MED FAB	Drawing Revision : A
Previous Run : 26994	Material : N/A
Written By : <u> </u>	Due Date : 10/6/2006 Qty: 4 Um: Each
Checked & Approved By : <u> </u>	
Comment : Est Rev:A New Issue 06-01-31 JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D34763	DOME
-----	--------	------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Qty	Part Number	Description	Batch
1	D3476-3	blower motor adapter	B27020

2.0	D34767	TUBE
-----	--------	------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Qty	Part Number	Description	Batch
2	D3476-7	Tube	B28590

3.0	D34761	duct
-----	--------	------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Qty	Part Number	Description	Batch
1	D3476-1	Duct	B28873

4.0	NAS1031C3W	Nutplate
-----	------------	----------



Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)

Qty	Part Number	Description	Batch
4	NAS-1031C3W	Nutplate	M101462

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
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Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Spot Weld Tubes And Nut plates as per Dwg D3476 and Dart QSI 018

MF. 06/11/06 (2)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: D Date: 06/11/08
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 9/14/2006 7:29:34 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BLOWER MOTOR ADAPTER

Job Number: 28565

Part Number: D3476043

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC5/11

INSPECT WORK/INSPECT SPOT WELD



Comment: INSPECT WORK/INSPECT SPOT WELD

SB 06/11/07 (2)

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: GA

SB 06/11/07 (2)

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

SB 06/11/08 (2)

Job Completion



U 26/11/08

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

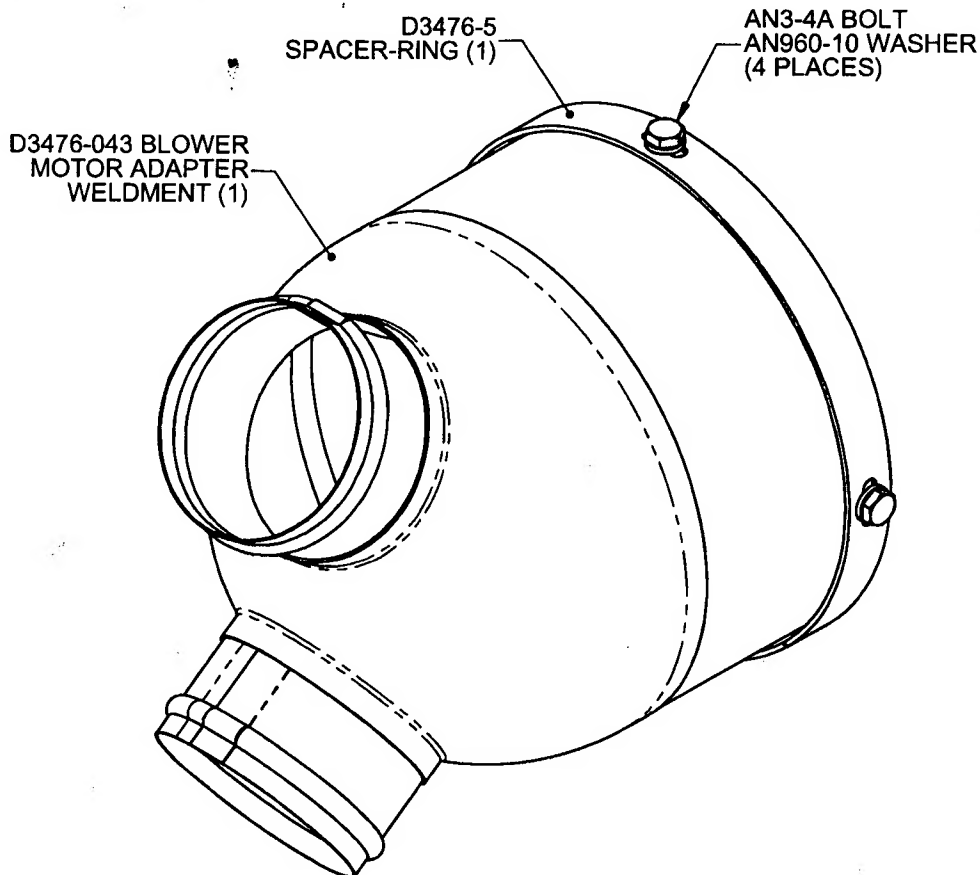
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3476	REV. A SHEET 1 OF 7
DATE 06.01.27		TITLE BLOWER MOTOR ADAPTER	SCALE 1:2
A	06.01.27	NEW ISSUE	

[Signature] 06.04.03



D3476-041 BLOWER MOTOR ADAPTER

1) IDENTIFY WITH DART P/N D3476-041 USING FINE POINT PERMANENT INK MARKER

QTY -041	P/N	DESCRIPTION
X	D3476-041	BLOWER MOTOR ADAPTER
1	D3476-043	BLOWER MOTOR ADAPTER WELDMENT
1	D3476-5	SPACER-RING
4	AN3-4A	BOLT
4	AN960-10	WASHER

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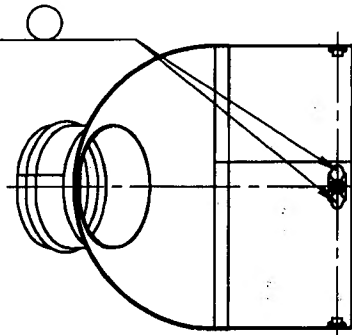
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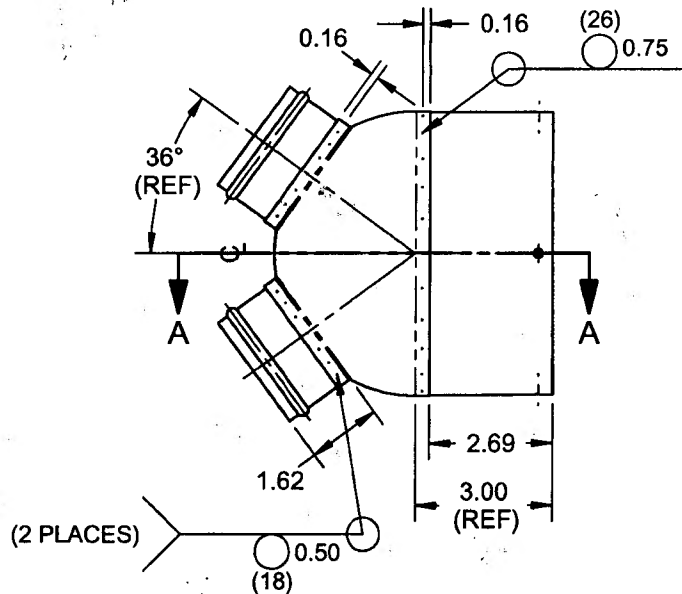
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DATE 06.01.27	TITLE BLOWER MOTOR ADAPTER		SCALE 1:4

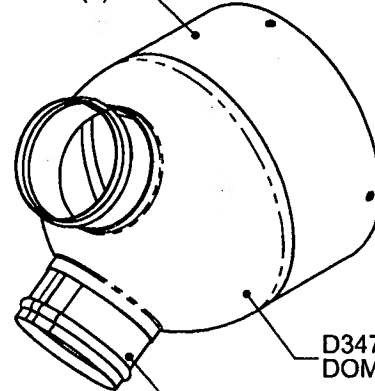
LOCATE AND
SPOT WELD
NUT PLATES
(4 PLACES)



SECTION A-A



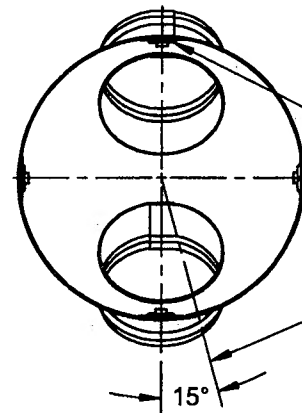
D3476-1
DUCT (1)



D3476-3
DOME (1)

D3476-7 TUBE
(2 PLACES)

NAS-1031C3W
NUT PLATES
(4 PLACES)



OFFSET SEAM
ON DUCT

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WORK ORDER

NO. 28565

**D3476-043 BLOWER MOTOR
ADAPTER WELDMENT**

NOTES:

- 1) SPOT WELD PER DART QSI 004
- 2) FINISH: NONE
- 3) PART IS SYMETRICAL ABOUT CENTERLINE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

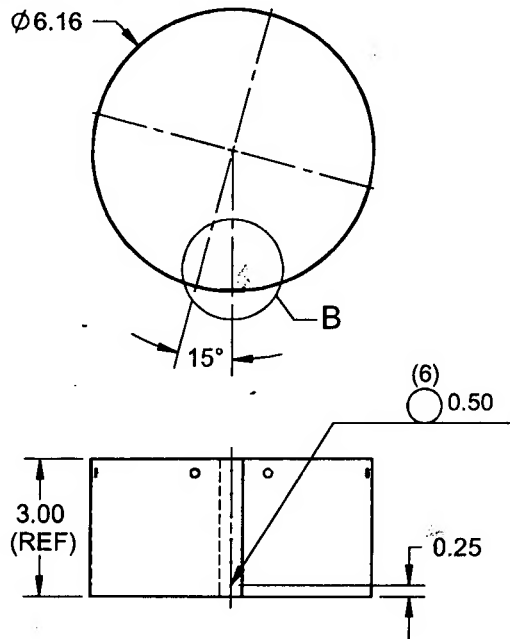
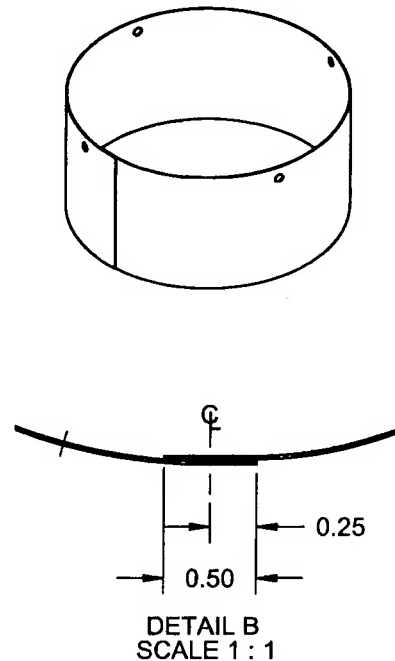
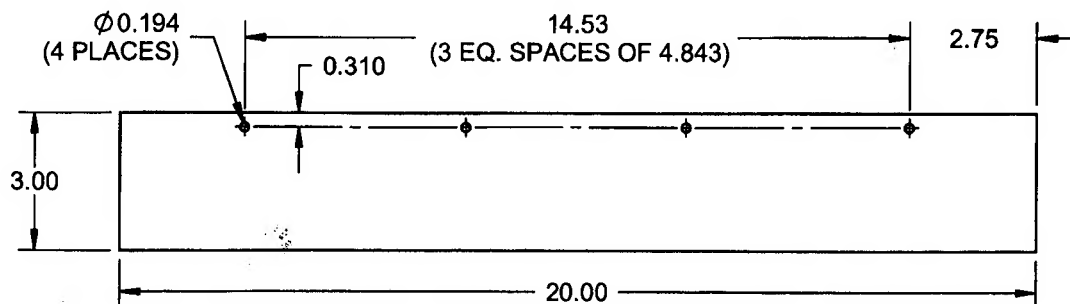
QTY -043	P/N	DESCRIPTION
X	D3476-043	BLOWER MOTOR ADAPTER WELDMENT
1	D3476-1	DUCT
1	D3476-3	DOME
2	D3476-7	TUBE
4	NAS1031C3W	NUTPLATE

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DATE 06.01.27		TITLE BLOWER MOTOR ADAPTER	SCALE 1:4

06.01.03**D3476-1 DUCT****DETAIL B
SCALE 1 : 1****D3476-1F DUCT FLAT PATTERN****NOTES:**

- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH
26 GAUGE SS (0.018 THICK)
(REF. DART SPEC. M304S26GA)
- 2) SPOT WELD PER DART QSI 004
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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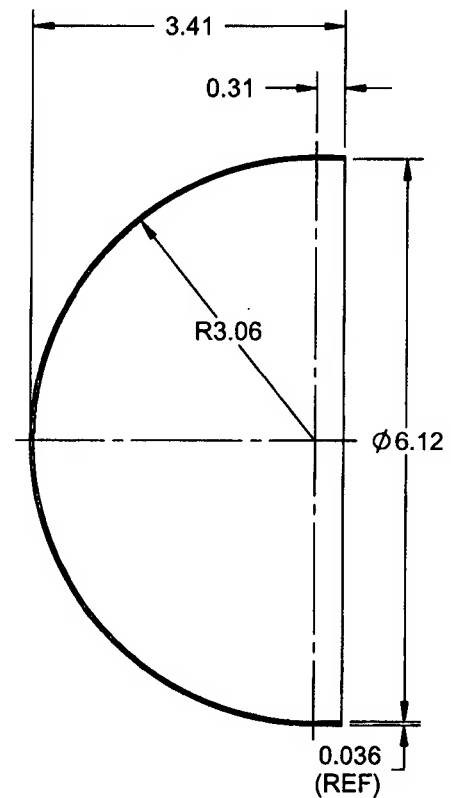
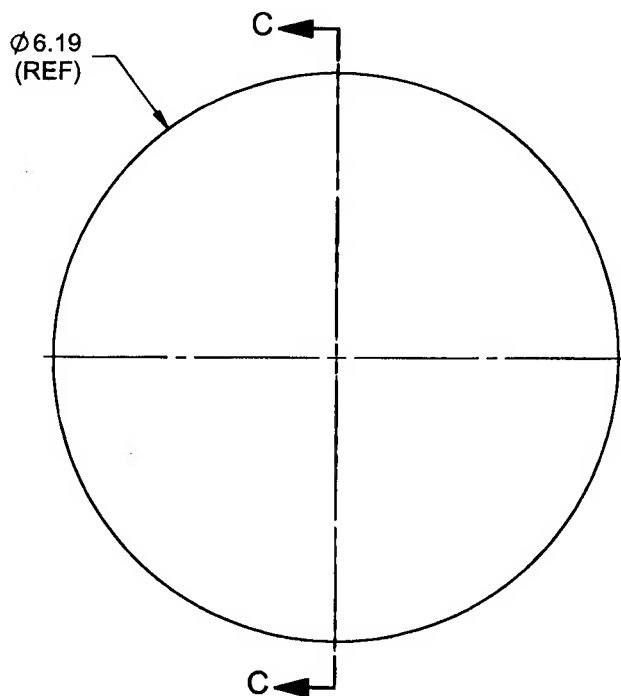
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DATE 06.01.27		TITLE BLOWER MOTOR ADAPTER	SCALE 1:2

RELEASED

06.04.03 H

**SECTION C-C****D3476-3S DOME, SPINNING DETAIL****NOTES:**

- 1) MATERIAL: AISI 304/316 SS SHEET, 0.036 THICK PER MIL-S-5019 (ANNEALED) 2B FINISH (REF. DART SPEC. M304S20GA)
- 2) FORM BY SPINNING TO DIMENSION WITHOUT EXCESS THINNING OF MATERIAL (MINIMUM THICKNESS = 0.025").
- 3) FINISH: NONE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

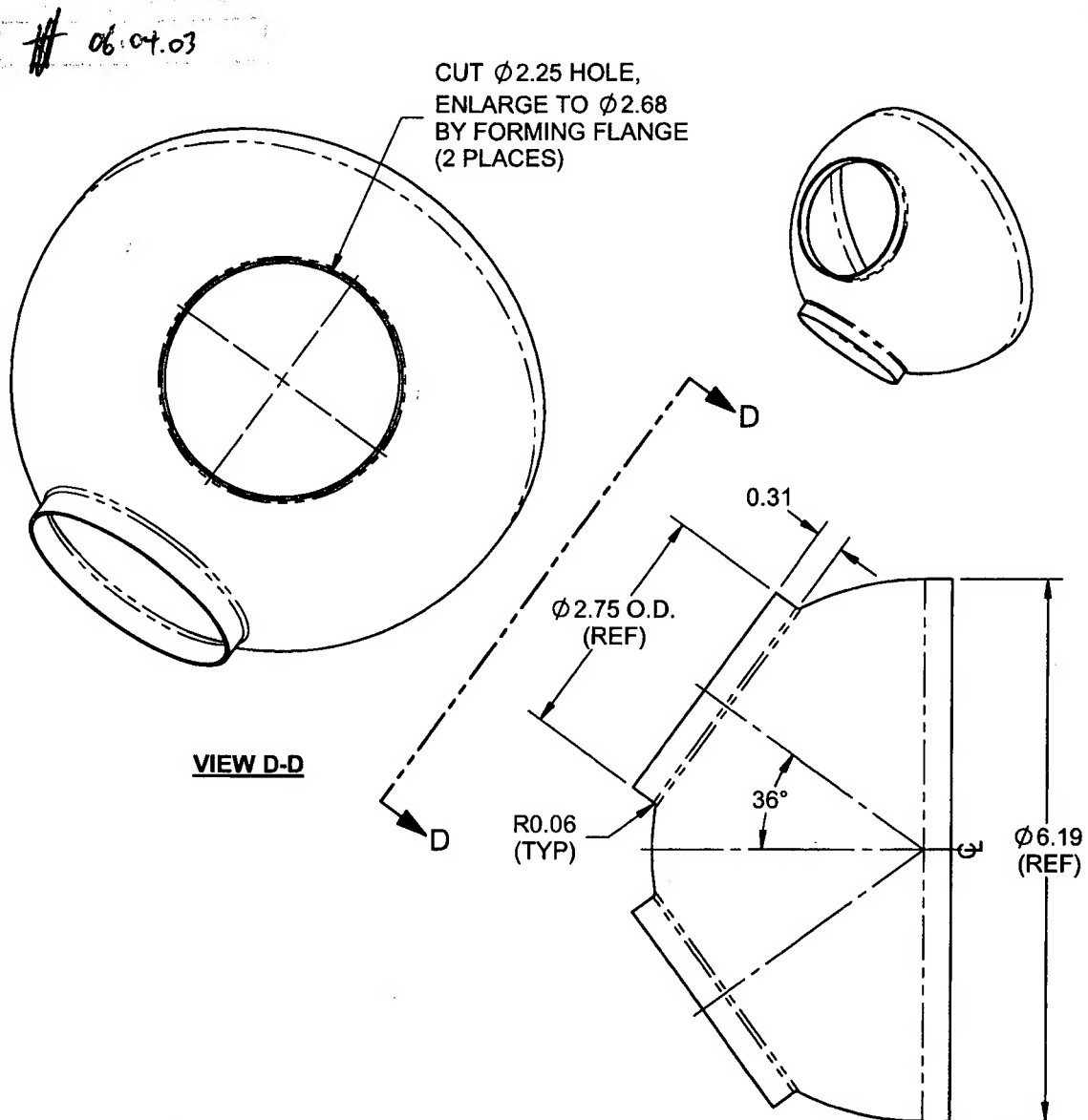
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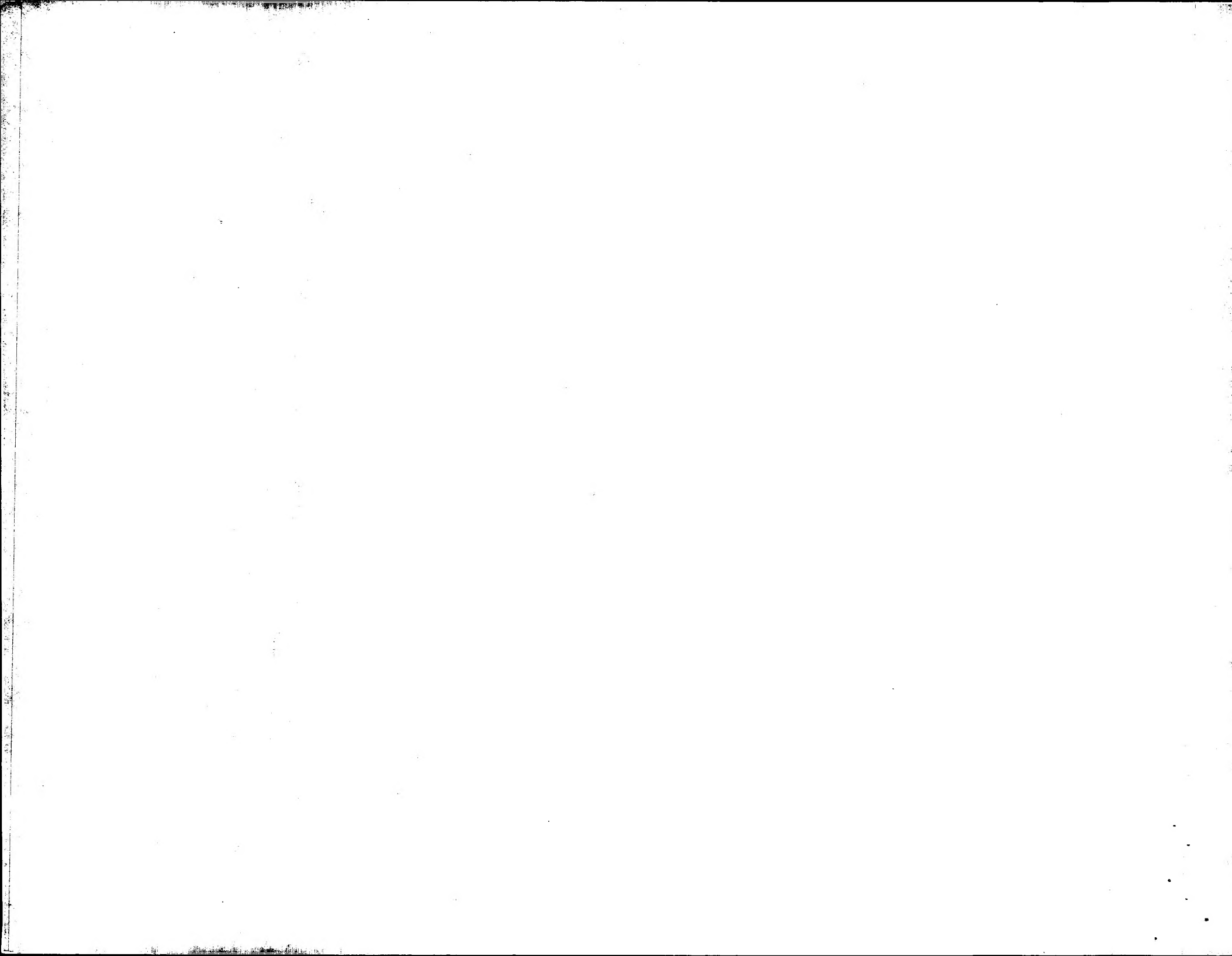
**D3476-3 DOME****NOTES:**

- 1) MATERIAL: MAKE FROM D3476-3S
- 2) FINISH: NONE
- 3) PART IS SYMMETRICAL ABOUT CENTERLINE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

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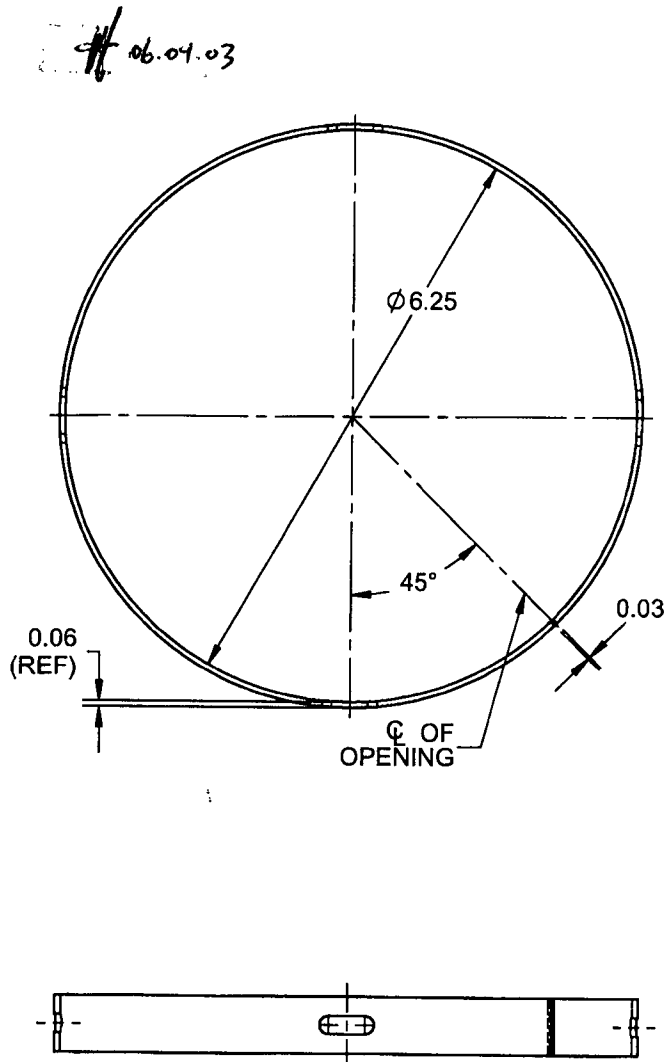
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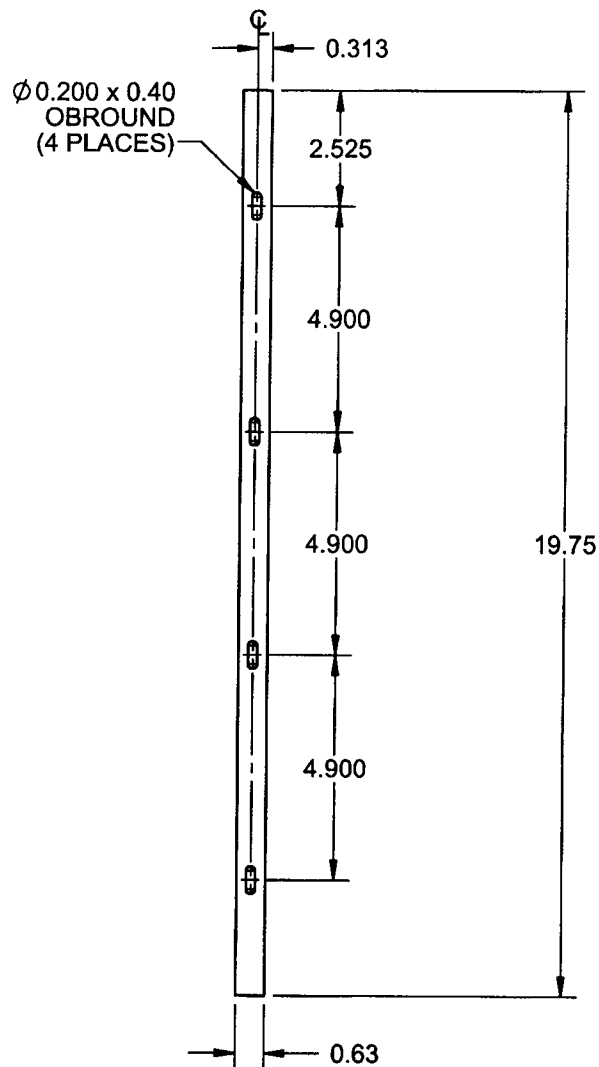




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DATE 06.01.27		TITLE BLOWER MOTOR ADAPTER	SCALE 1:2



D3476-5 SPACER-RING



D3476-5F SPACER-RING
FLAT PATTERN

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, 0.063 THICK, PER MIL-S-5019 (ANNEALED) 2B FINISH (REF. DART SPEC. M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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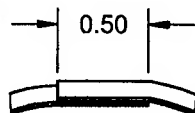
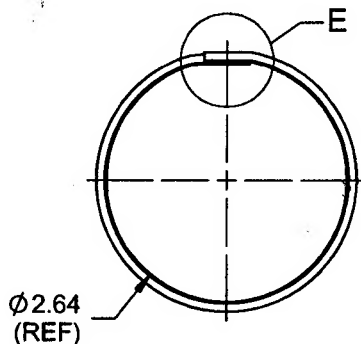
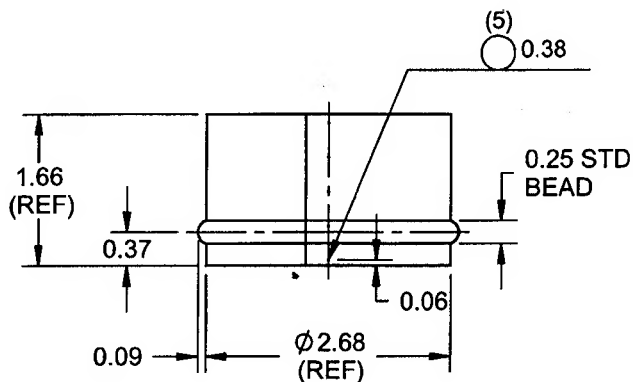
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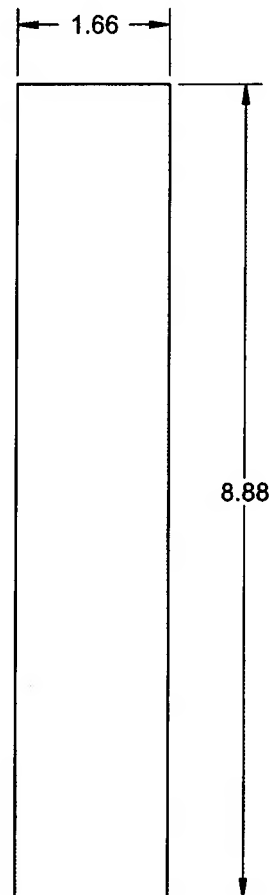
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DATE 06.01.27		TITLE BLOWER MOTOR ADAPTER	SCALE 1:2

[Handwritten] 06.04.03



DETAIL E
SCALE 1 : 1

D3476-7 TUBE



**D3476-7 TUBE
FLAT PATTERN**

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH
26 GAUGE SS (0.018 THICK)
(REF. DART SPEC. M304S26GA)
- 2) SPOT WELD PER DART QSI 004
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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SPOT WELD TEST RECORD

AMS-W-6858A

CLASS 'C'

TEST NO#: 3

EMPLOYEE: Melanie Fauteux

PART NUMBER: D3476-043

JOB NUMBER: B 28565

MATERIAL TYPE: 304/316

MATERIAL THICKNESS: .018

GROUP SPECIFICATION

☐

Group 1: Aluminum & magnesium

☒

Group 2: Iron; nickel; cobalt

☐

Group 3: Titanium

TEST RESULTS

	PASS	FAIL
VISUAL:	[<input checked="" type="checkbox"/>]	[<input type="checkbox"/>]
PENETRATION:	[<input checked="" type="checkbox"/>]	[<input type="checkbox"/>]
PULL STRENGTH:	[<input checked="" type="checkbox"/>]	[<input type="checkbox"/>]

PSI Reading: _____

Qualified in accordance with standard AMS-W-6858A and QSI 004 (ref: 4.3)

DATE OF TEST COUPON: 06/11/06
QUALIFIER: Sylvie Boudier

